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AUGUST 22, 2006

Deborah C. Cowger

Date

Signature

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Applicant:

DARRYL A. BOURGOYNE  
DON M. HANNEGAN

Filed: March 23, 2004

Serial No.: 10/807,091

For: METHOD AND SYSTEM FOR RETURN  
OF DRILLING FLUID FROM A SEALED  
MARINE RISER TO A FLOATING  
DRILLING RIG WHILE DRILLING

§ Confirmation No.: 3844

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§ Art Unit: 3672

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§ Examiner: Hoang C. Dang

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§ Docket No.: 65501.0050

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**FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Applicant hereby submits the following information before a first Office Action (including a Notice of Allowance) in the Request for Continuation Examination (RCE) filed on June 27, 2006 in the above matter. Enclosed is a Supplemental Information Disclosure Citation Form PTO/SB/08A and /08B in accordance with 37 CFR § 1.98(a)(1) and (a)(2) listing additional patents, publications, applications and/or other information being submitted for consideration which may be material to the patentability of this application and/or for which there may be a duty to disclose in accordance with 37 CFR § 1.56. Also enclosed are copies of each of the foreign patents and/or non-patent literature documents cited therein but not copies of any U.S. patents and/or U.S. patent application publications in accordance with 37 CFR § 1.98(a)(2). However, we will provide copies upon request

No fee is believed to be due in connection with the filing of this Information Disclosure Statement as the first Office Action in the RCE has not been mailed.

The filing of this Information Disclosure Statement shall not be construed as an admission that any of the listed documents constitutes prior art, nor as an admission against interest in any manner.

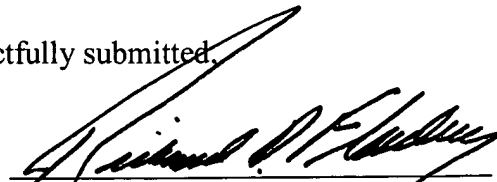
It is respectfully requested that this Information Disclosure Statement and the documents listed on the attached Form PTO/1449 be considered and acknowledged by the Examiner in

connection with the above-identified patent application, be made of record therein, and that the listed document(s) be cited in the issued patent.

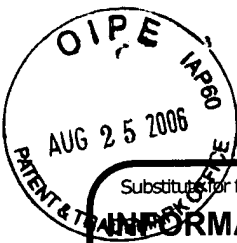
Respectfully submitted,

Date: August 22, 2006

By:



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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>(Use as many sheets as necessary) |               |    | <b>Complete if Known</b> |                        |            |
|   |               |    | Application Number       | 10/807,091             |            |
|   |               |    | Filing Date              | March 23, 2004         |            |
|   |               |    | First Named Inventor     | Darryl A. Bourgoyne    |            |
|   |               |    | Group Art Unit           | 3672                   |            |
| Examiner Name   | Hoang C. Dang |    |                          |                        |            |
| Sheet   | 1             | of | 6                        | Attorney Docket Number | 65501.0050 |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
|                       |                          | Number-Kind-Code <sup>2</sup> (if known) |                                |  |   |
|                       |                          | US - 3,405,763                           | 10-1968                        | Pitts, et al                                       |   |
|                       |                          | US - 3,421,580                           | 01-1969                        | Fowler, et al.                                     |   |
|                       |                          | US - 3,443,643                           | 05-13-1969                     | Marvin R. Jones                                    | Col. 3, Ins. 53-63;<br>Col. 4, Ins. 8-18' see 5S<br>below   |
|                       |                          | US - 3,583,480                           | 06-1971                        | John Regan   |   |
|                       |                          | US - 3,638,721                           | 02-01-1972                     | Otto R. Harrison                                   | See 6/26/2001 IPER for<br>PCT/GB00/00726;<br>Fig. 2; see 5L, 5O, 5P;<br>5Q, 5R, 5T, 5U, 5V, 5W<br>below   |
|                       |                          | US - 3,827,511                           | 08-06-1974                     | Marvin R. Jones                                    | See 5T, 5U, 5V, 5W<br>below   |
|                       |                          | US - 3,847,215                           | 11-1974                        | Herd   |   |
|                       |                          | US - 3,924,678                           | 12-1975                        | Ahlstone   |   |
|                       |                          | US - 4,046,191                           | 09-06-1977                     | Robert Arthur Neath                                | See 5U, 5V, 5W below  |
|                       |                          | US - 4,149,603                           | 04-17-1979                     | James F. Arnold                                    | See 5U below  |
|                       |                          | US - 4,157,186                           | 06-05-1979                     | Edwin G. Murray, et al.                            | See 5U, 5V below  |
|                       |                          | US - 4,313,054                           | 01-1982                        | Richard M. Martini                                 |   |
|                       |                          | US - 4,353,420                           | 10-1982                        | Miller   |   |
|                       |                          | US - 4,355,784                           | 10-26-1982                     | Lester L. Cain                                     | See 5U, 5V below  |
|                       |                          | US - 4,440,232                           | 04-1984                        | Joseph L. LeMoine                                  |   |
|                       |                          | US - 4,484,753                           | 11-27-1984                     | Mammohan S. Kalsi                                  |   |
|                       |                          | US - 4,509,405                           | 04-1985                        | H. John Bates                                      |   |
|                       |                          | US - 4,540,053                           | 09-1985                        | Baugh, et al.                                      |   |
|                       |                          | US - 4,597,448                           | 07-01-1986                     | Benton F. Baugh                                    |   |
|                       |                          | US - 4,626,135                           | 12-02-1986                     | Joseph R. Roche                                    | See 11/29/2004<br>European Pat. Office<br>Action for Application<br>No. 00906522.8; see<br>7/22/2005 Norway<br>Pat. Office Action of<br>Application No.<br>20013952; See<br>6/26/2001 IPER for<br>PCT/GB00/00726; |

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|   |   |    |   | Examiner Name            | Hoang C. Dang       |
| Sheet   | 2 | of | 6 | Attorney Docket Number   | 65501.0050          |

| U.S. PATENT DOCUMENTS |                |            |                           |  |   |
|-----------------------|----------------|------------|---------------------------|--|---|
|                       |                |            |                           |  | see 5A 5G, 5I, 5J, 5L, 5M, 5O, 5P, 5Q below   |
|                       | US - 4,736,799 | 04-1988    | Ahlstone                  |  |   |
|                       | US 4,813,495   | 03-21-1989 | Colin P. Leach            |  | See 11/1/2004 Norway Patent Office Action for Patent Application No. 20003950; see 5T below |
|                       | US - 4,832,126 | 05-23-1989 | Joseph R. Roche           |  |   |
|                       | US - 5,163,514 | 11-17-1992 | Charles E. Jennings       |  | See Col. 1, Lns. 44-51; Col. 2, ln. 62 to Col. 3, ln. 57; and Figs 1 & 2; see 5B below      |
|                       | US - 5,195,754 | 03-23-1993 | Lannie Dietle             |  |   |
|                       | US - 5,230,520 | 07-27-1993 | Lannie Dietle, et al.     |  |   |
|                       | US - 5,251,869 | 12-12-1993 | Benny M. Mason            |  |   |
|                       | US - 5,325,925 | 07-1994    | Smith, et al.             |  |   |
|                       | US - 5,348,107 | 09-1994    | Thomas F. Bailey, et al.  |  |   |
|                       | US - 5,607,019 | 03-1997    | Kent                      |  |   |
|                       | US - 5,662,171 | 09-02-1997 | James D. Brugman, et al.  |  |   |
|                       | US - 5,662,181 | 09-02-1997 | John R. Williams          |  | See YYYY, 5L, 5M, 5N, 5O, 5P, 5Q, 5U, 5V, 5X below; the whole document                      |
|                       | US - 5,671,812 | 09-1997    | Bridges                   |  |   |
|                       | US - 5,678,829 | 10-21-1997 | Mammohan S. Kalsi, et al. |  |   |
|                       | US - 5,738,358 | 04-14-1998 | Mammohan S. Kalsi, et al. |  |   |
|                       | US - 5,823,541 | 10-20-1998 | Lannie Dietle, et al.     |  |   |
|                       | US - 5,873,576 | 02-23-1999 | Lannie Deitle, et al.     |  |   |
|                       | US - 5,944,111 | 08-1999    | Bridges                   |  |   |
|                       | US - 6,007,105 | 12-28-1999 | Lannie Dietle, et al.     |  |   |
|                       | US - 6,016,880 | 01-2000    | Hall, et al.              |  |   |
|                       | US - 6,036,192 | 03-14-2000 | Lannie Deitle, et al.     |  |   |
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|                       | US - 6,109,348 | 08-2000    | Caraway                   |  |   |
|                       | US - 6,109,618 | 08-29-2000 | Lannie L. Dietle          |  |   |
|                       | US - 6,129,152 | 10-10-2000 | Hosie, et al.             |  | Col. 10, ln. 22-Col. 12, ln. 31; Figs. 1 & 2; see YYYY, 5X below                            |

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|  |   |    |   | Group Art Unit           | 3672                |
|  |   |    |   | Examiner Name            | Hoang C. Dang       |
|  |   |    |   | Attorney Docket Number   | 65501.0050          |
| Sheet  | 3 | of | 6 |                          |                     |

| U.S. PATENT DOCUMENTS |                      |            |                                |  |  |
|-----------------------|----------------------|------------|--------------------------------|--|--|
|                       | US - 6,138,774       | 10-31-2000 | Adam T. Bourgoyne, Jr., et al. |  | See Figs & claims 1-3, noting bearing assembly 60 located in subsea apparatus above a borehole; see 5C, 5F below |
|                       | US - 6,202,745       | 03-2001    | Reimert, et al.                |  |  |
|                       | US - 6,227,547       | 05-08-2001 | Lannie Dietle, et al.          |  |  |
|                       | US - 6,230,824       | 05-2001    | Peterman, et al.               |  |  |
|                       | US - 6,354,385       | 03-12-2002 | Ford, et al.                   |  |  |
|                       | US - 6,457,529       | 10-01-2002 | Ian Douglas Calder, et al.     |  | See 5X below   |
|                       | US - 6,470,975       | 10-29-2002 | Bourgoyne, et al.              |  | See ZZZZ, 5C, 5X below   |
|                       | US - 6,478,303       | 11-12-2002 | Radcliffe                      |  |  |
|                       | US - 6,547,002       | 04-15-2003 | Bailey, Thomas F., et al.      |  | See 5X below   |
|                       | US - 6,554,016       | 04-29-2003 | Joseph Kinder                  |  |  |
|                       | US - 6,702,012       | 07-03-2003 | Bailey, Thomas F., et al.      |  | See 5X below   |
|                       | US - 6,732,804       | 05-2004    | Hosie, et al.                  |  |  |
|                       | US - 6,749,172 B2    | 06-15-2004 | Joseph Kinder                  |  |  |
|                       | US - 6,843,313       | 12-13-2001 | Hult                           |  |  |
|                       | US - 6,913,092       | 07-2005    | Darryl Bourgoyne               |  |  |
|                       | US - 7,004,444       | 02-28-2006 | Joseph Kinder                  |  |  |
|                       | US - 7,040,394       | 05-06-2004 | Bailey, Thomas F., et al.      |  | Figs. 1, 7a, 7b, 8; see YYYY, 5X below   |
|                       | US - 7,080,685 B2    | 01-06-2005 | Bailey, Thomas F., et al.      |  | See 5X below   |
|                       | US - 2001-0050185    | 12-13-2001 | Ian Douglas Calder             |  | Pg. 2, ln. 15, ¶17-ln. 24; Fig. 2; see YYYY, ZZZZ below  |
|                       | US - 2003/0102136    | 06-05-2003 | Nelson, et al.                 |  |  |
|                       | US - 2003/0106712-A1 | 06-12-2003 | Darryl Bourgoyne               |  |  |
|                       | US - 2004/0238175    | 12-2004    | Wade, et al.                   |  |  |
|                       | US - 2005/241833 A1  | 03-11-2005 | Thomas F. Bailey               |  |  |
|                       | US - 2005/0151107    | 07-14-2005 | Shu                            |  |  |
|                       | US - 2006/0102387 A1 | 05-18-2006 | Darryl A. Bourgoyne, et al.    |  |  |
|                       | US - 2006/0108119A1  | 05-25-2006 | Thomas F. Bailey, et al.       |  | See 5X below   |

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| Sheet   | 4 | of | 6 | Attorney Docket Number   | 65501.0050          |

| FOREIGN PATENT DOCUMENTS |                          |                           |                     |                                   |                                |   |
|--------------------------|--------------------------|---------------------------|---------------------|-----------------------------------|--------------------------------|---|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   |                     |                                   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document  |
|                          |                          | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup> (if known) |                                |   |
|                          |                          | CA                        | 2363132             | A1                                | 09-08-2000                     | Darryl A. Bourgoyne, et al.   |
|                          |                          | CA                        | 2447196             | A1                                | 04-30-2004                     | Thomas F. Bailey, et al.  |
|                          |                          | GB                        | 2394741             | A                                 | 05-05-2004                     | Thomas F. Bailey, et al.  |
|                          |                          | EP                        | 0290250             | A2                                | 11-09-1988                     | Conoco, Inc.  |
|                          |                          | EP                        | 0290250             | A3                                | 11-09-1988                     | Conoco, Inc.  |
|                          |                          | AU                        | 199927822           | B2                                | 09-10-1999                     | Williams Tool Co., Inc.   |
|                          |                          | AU                        | 200028183           | A1                                | 09-08-2000                     | Weatherford/Lamb, Inc.  |
|                          |                          | AU                        | 200028183           | B2                                | 09-08-2000                     | Weatherford/Lamb, Inc.  |
|                          |                          | GB                        | 2,067,235           | A                                 | 07-1981                        | Diehl   |
|                          |                          | EP                        | 267,140             | B1                                | 03-31-1993                     | Galle, et al.   |
|                          |                          | PCT                       | WO99/50524          | A2                                | 10-07-1999                     | Mott, et al.  |
|                          |                          | PCT                       | WO99/51852          | A1                                | 10-14-1999                     | Bridges, et al.   |
|                          |                          | PCT                       | WO99/50524          | A3                                | 10-07-1999                     | Mott, et al.  |
|                          |                          | PCT                       | WO00/52299          | A                                 | 09-08-2000                     | Don M. Hannegan, et al.   |
|                          |                          |                           |                     |                                   |                                | See Figs. & claims, noting housing 14 and bearing assembly 28; see ZZZZ, 5C below; see US - 6,470,975 |

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| Sheet   | 5 | of | 6 | Attorney Docket Number   | 65501.0050          |

| U.S. PATENT RELATED APPLICATIONS |                 |                  |   |                         |
|----------------------------------|-----------------|------------------|---|-------------------------|
| Exr Initials                     | APPLICATION NO. | ATTY. DOCKET NO. | Status or Patentee  | Date of Filing or Issue |
| .                                | 60/079,641      | 09432/160001     | Abandoned, but Priority Claimed in above U.S. Patent Nos. 6,230,824B1 and 6,102,673 and PCT WO 99/50524 | 03-27-1998              |
|                                  | 60/122,530      | 055010.0022      | Priority Claimed in U.S. Patent No. 6,470,975B1   | 03-02-1999              |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |          |   |  |
|---|----------|---|--|
| Examiner Initials*                                | Cite No. | Include Name of first Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), page(s), date (in Parentheses). If a book, also include publisher and city and/or county where published.   |  |
|   | XXXX     | TANGEDAHL, M.J., et al. "Rotating Preventers: Technology for Better Well Control", World Oil, Gulf Publishing Company, Houston, TX, US, Vol. 213, No. 10, 10/1992, (1992-10-01) numbered pages 63-64 and 66 (3 pages) XP 000288328 ISSN: 0043-8790 (see YYYY, 5X below)   |  |
|   | YYYY     | European Search Report for EP 05 27 0083, Application No. 05270083.8-2315, European Patent Office, March 2, 2006 (5 pages)  |  |
|   | ZZZZ     | Netherlands Search Report for NL No. 1026044, dated 12/14/05 (3 pages)  |  |
|   | 5A       | Int'l. Search Report for PCT/GB 00/00731 corresponding to U.S. Patent No. 6,470,975 (6/16/00) (2 pages)   |  |
|   | 5B       | GB0324939.8 Examination Report corresponding to U.S. Patent No. 6,470,975 (3/21/06) (6 pages)   |  |
|   | 5C       | GB0324939.8 Examination Report corresponding to U.S. Patent No. 6,470,975 1/22/04) (3 pages)  |  |
|   | 5D       | 2003/0106712 Family Lookup Report (6/15/06) (5 pages)   |  |
|   | 5E       | 6,470,975 Family Lookup Report (6/15/06) (5 pages)  |  |
|   | 5F       | AU S/N 28183/00 Examination Report corresponding to U.S. Patent No. 6,470,975 (1 page) (9/9/2002)   |  |
|   | 5G       | NO S/N 20013953 Examination Report corresponding to U.S. Patent No. 6,470,975 w/one page of English translation (3 pages) (4/29/2003)   |  |
|   | 5H       | NESSA; D.O. & Tangedahl, M.L. & Saponja, J.: <b>PART 1:</b> "Offshore underbalanced drilling system could revive field developments", World Oil, Vol. 218 No. 7, Cover Page, 3, 61-64 and 66 (July 1997); and <b>PART 2:</b> "Making this valuable reservoir drilling/completion technique work on a conventional offshore drilling platform." -- World Oil, Vol. 218 No. 10, Cover Page, 3, 83, 84, 86 and 88 (October 1997) (see 5A, 5G above and 5I below) |  |

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|  |   |    |   | Application Number       | 10/807,091          |
|  |   |    |   | Filing Date              | March 23, 2004      |
|  |   |    |   | First Named Inventor     | Darryl A. Bourgoyne |
|  |   |    |   | Group Art Unit           | 3672                |
|  |   |    |   | Examiner Name            | Hoang C. Dang       |
| Sheet  | 6 | of | 6 | Attorney Docket Number   | 65501.0050          |

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|---|--|--|
| 5I  | Int'l. Search Report for PCT/GB 00/00731 corresponding to U.S. Patent No. 6,470,975 (4 pages) (6/27/2000)  |  |
| 5J  | Int'l. Preliminary Examination Report for PCT/GB 00/00731 corresponding to U.S. Patent No. 6,470,975 (7 pages) (12/14/2000)                            |  |
| 5K  | NL Examination Report for WO 00/52299 corresponding to this U.S. S/N 10/281,534 (3 pages) (12/19/2003)   |  |
| 5L  | AU S/N 28181/00 Examination Report corresponding to U.S. Patent No. 6,263,982 (1 page) (9/6/2002)  |  |
| 5M  | EU Examination Report for WO 00/906522.8-2315 corresponding to U.S. Patent No. 6,263,982 (4 pages) (11/29/2004)  |  |
| 5N  | NO S/N 20013952 Examination Report w/two pages of English translation corresponding to U.S. Patent No. 6,263,982 (4 pages) (7/22/2005)                 |  |
| 5O  | PCT/GB00/00726 Int'l. Preliminary Examination Report corresponding to U.S. Patent No. 6,263,982 (10 pages) (6/26/2001)                                 |  |
| 5P  | PCT/GB00/00726 Written Opinion corresponding to U.S. Patent No. 6,263,982 (7 pages) (12/18/2000)   |  |
| 5Q  | PCT/GB00/00726 International Search Report corresponding to U.S. Patent No. 6,263,982 (3 pages) (3/2/1999)   |  |
| 5R  | AU S/N 27822/99 Examination Report corresponding to U.S. Patent No. 6,138,774 (1 page) (10/15/2001)  |  |
| 5S  | EU 99908371.0-1266-US9903888 European Search Report corresponding to U.S. Patent No. 6,138,774 (3 pages) (11/2/2004)                                   |  |
| 5T  | NO S/N 20003950 Examination Report w/one page of English translation corresponding to U.S. Patent No. 6,138,774 (3 pages) (11/1/2004)                  |  |
| 5U  | PCT/US99/03888 Notice of Transmittal of International Search Report corresponding to U.S. Patent No. 6,138,774 (6 pages) (8/4/1999)                    |  |
| 5V  | PCT/US99/03888 Written Opinion corresponding to U.S. Patent No. 6,138,774 (5 pages) (12/21/1999)   |  |
| 5W  | PCT/US99/03888 Notice of Transmittal of International Preliminary Examination Report corresponding to U.S. Patent No. 6,138,774 (15 pages) (6/12/2000) |  |
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